



01997.043600 (NEW)

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Initial Application of:

GRUSBY et al.

Application No.: 10/620,169

Filed: July 15, 2003

For: METHODS AND COMPOSITIONS  
FOR MODULATING T HELPER  
(T<sub>H</sub>) CELL DEVELOPMENT AND  
FUNCTION

)  
: Examiner: Hamud, Fozia M.  
)  
: Group Art Unit: 1647  
)  
: Confirmation No.: 1105  
)  
: Customer No.: 05514 (NEW)  
)  
: April 4, 2007

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:


In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

We also enclose a check for the required fee of \$180.00 to cover the Information Disclosure Statement under 37 C.F.R. 1.97(c)(2).

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

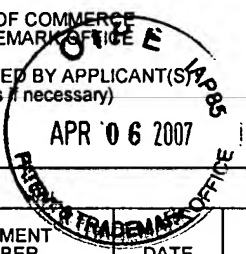
Respectfully submitted,



---

Joseph P. Pieroni  
Attorney for Applicants  
Registration No.: 53,469

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3800  
Facsimile: (212) 218-2200

FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. <b>01997.0043600</b>		APPLICATION NO. <b>10/620,169</b>	
				APPLICANT <b>GRUSBY et al.</b>			
				FILING DATE <b>July 15, 2003</b>		GROUP <b>1647</b>	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		<b>Blast 2 Sequences Results comparing GenBank Accession Nos. Q9JHX3 and NP_068570, entitled "Amino Acid Sequence comparison of Mouse and Human IL-21R", printed April 6, 2006.</b>					
		<b>Blast 2 Sequences Results comparing GenBank Accession Nos. NP_068570 and AAA59143, entitled "Amino Acid Sequence comparison of Human IL-21R and Human IL-2Rβ," printed April 6, 2006.</b>					
		<b>GenBank Accession No. Q9JHX3 "Interleukin-21 receptor precursor (IL-21R)" (Mouse) Parrish-Novak et al. (2000), printed on November 1, 2006.</b>					
		<b>GenBank Accession No. AAA59143 "Interleukin 2 receptor beta chain precursor peptide" Hatakeyama et al. (1998), printed on November 1, 2006.</b>					
		<b>GenBank Accession No. NP_068570, "Interleukin 21 receptor precursor [Homo Sapiens]" Parrish-Novak et al. (2000), printed on April 2, 2007.</b>					
		<b>Site Directed Mutagenesis" § 20-3 (pp. 738-744) in Basic Methods in Molecular Biology, 2<sup>nd</sup> Edition (1994) Davis et al. (Eds.) Appleton &amp; Lange, CT</b>					
		<b>Gearing and Thorpe (1988) "The International Standard for Human Interleukin-2" J. Immunol. Meth. 114:3-9</b>					
		<b>Yokota et al. (1985) "Use of a cDNA Expression Vector for Isolation of Mouse Interleukin 2 cDNA Clones: Expression of T-Cell Growth-Factor Activity after Transfection of Monkey Cells" Proc. Natl. Acad. Sci. U.S.A. 82 (1): 68-72</b>					
		<b>Fukushima and Yamashita (March, 2001) "Interleukin-2 Carbohydrate Recognition Modulates CTLL-2 Cell Proliferation" J. Biol. Chem. 276:7351-56</b>					
EXAMINER		DATE CONSIDERED					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1